## CLAIMS

 An organic electroluminescence element comprising: an anode;

a first emitting layer comprising at least a first host material and a first dopant;

a second emitting layer comprising at least a second host material and a second dopant; and

a cathode in the order mentioned:

wherein the energy gap  $E_{gh}1$  of the first host material, the energy gap  $E_{gd}1$  of the first dopant, the energy gap  $E_{gh}2$  of the second host material, and the energy gap  $E_{gd}2$  of the second dopant satisfy the following formulas; and

the luminescent intensity I1 at the maximum luminescent wavelength of an emission spectrum derived from the first emitting layer, and the luminescent intensity I2 at the maximum luminescent wavelength of an emission spectrum derived from the second emitting layer satisfy the following formula:

 $E_{gh}1 > E_{gd}1$ 

 $E_{gh}2 > E_{gd}2$ 

 $E_{gd}1 > E_{gd}2$ 

 $I1 > 3.5 \times I2.$ 

- 2. An organic electroluminescence element according to claim
- 1, wherein the following formula is satisfied:

 $I1 > 5 \times I2.$ 

- 3. An organic electroluminescence element according to claim 1 or 2, wherein  $E_{qd}2$  is more than 2.7 eV.
- 4. An organic electroluminescence element comprising: an anode;

a first emitting layer comprising at least a first host material and a first dopant;

a second emitting layer comprising at least a second host material and a second dopant; and

a cathode in the order mentioned:

wherein the energy gap  $E_{gh}1$  of the first host material, the energy gap  $E_{gd}1$  of the first dopant, the energy gap  $E_{gh}2$  of the second host material, and the energy gap  $E_{gd}2$  of the second dopant satisfy the following formulas:

 $E_{gh}1 > E_{gd}1$ 

 $E_{ah}2 > E_{ad}2$ 

 $E_{qd}1 > E_{qd}2 > 2.7 \text{ eV}.$ 

- 5. An organic electroluminescence element according to claim 1 or 4, wherein the ratio of the first dopant to the first host material is 0.1 to 10 mol% in the first emitting layer.
- 6. An organic electroluminescence element according to claim 1 or 4, wherein the ratio of the second dopant to the second host material is 0.1 to 10 mol% in the second emitting layer.
- 7. An organic electroluminescence element according to claim

1 or 4, wherein at least one of the first host material and the second host material is a compound represented by a formula [1]:

$$\left(Ar^{1}\right)_{m}$$
  $\left(X\right)_{n}$  [1]

wherein Ar<sup>1</sup> is an aromatic ring with 6 to 50 nucleus carbons, X is a substituent, m is an integer of 1 to 5 and n is an integer of 0 to 6, provided that Ars may be the same as or different from each other when m is 2 or more, and Xs may be the same as or different from each other when n is 2 or more.

- 8. An organic electroluminescence element according to claim
  1 or 4, wherein the first host material is the same as the second
  host material.
- 9. An organic electroluminescence element according to claim
  1 or 4, wherein at least one of the first dopant and the second
  dopant is a compound represented by a formula [2]:

$$Ar^{2} - \left( N \right)_{p}$$
 [2]

wherein  $\operatorname{Ar}^2$  to  $\operatorname{Ar}^4$  are a substituted or unsubstituted aromatic group with 6 to 50 nucleus carbons, or a substituted or unsubstituted stylyl group; and p is an integer of 1 to 4; provided that  $\operatorname{Ar}^3$ s and  $\operatorname{Ar}^4$ s may be the same as or different from each other when p is 2 or more.

10. An organic electroluminescence element according to claim

- 1 or 4, wherein the first emitting layer has a film thickness of 10 nm or more.
- 11. An organic electroluminescence element according to claim 1 or 4, wherein the luminescent intensity I2 at the maximum luminescent wavelength of an emission spectrum derived from the second emitting layer is 0.
- 12. An organic electroluminescence element according to claim 1 or 4, further comprising an electron injecting layer between the second emitting layer and the cathode, the electron mobility of the electron injecting layer being  $10^{-4}~\rm cm^2/(V \cdot sec)$  or more.
- 13. An organic electroluminescence element according to claim 12, wherein the electron injecting layer comprises one or more organic compounds comprising a nitrogen-containing heterocyclic derivative.
- 14. An organic electroluminescence element according to claim 13, wherein the organic compound(s) is/are an imidazopyrazine derivative and/or an imidazole derivative.